

# RQ 160 LED PLUS P 2300LM 830 IP44/20 I CL. AW3H MAT (21W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |         |
|---|---------|
| <b>Index:</b>                             | 571541  |
| <b>Ingress protection:</b>                | IP44/20 |
| <b>Nominal power [W]:</b>                 | 21      |
| <b>Rated power of the luminaire [W]*:</b> | 22      |
| <b>Luminous flux [lm]*:</b>               | 2300    |
| <b>Colour temperature [K]:</b>            | 3000    |
| <b>Color rendering index (Ra) &gt;:</b>   | 80      |
| <b>Energy efficiency class:</b>           | E       |
| <b>Material of the body:</b>              | ABS     |
| <b>Colour of the body:</b>                | white   |

## CHARACTERISTICS

RQ 160 LED PLUS P AW is a new line of round luminaires. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, therefore it is characterized by low weight. The diffuser provides excellent light transmission. The integrated LED module guarantees low power consumption and all the advantages of modern LED light sources.

## APPLICATION

Recessed-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

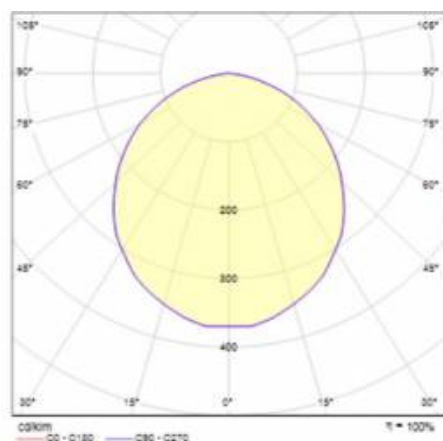
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |  |
|-----------------------------------|---------------|------------------------------|--|
| Index:                            | 571541        | Colour of the body:          | white                                    |
| EAN:                              | 5905963571541 | Dimensions (H/W/T/S) [mm]:   | 162/70                                   |
| Nominal power [W]:                | 21            | Mounting dimensions [mm]:    | ø150                                     |
| Rated power of the luminaire [W]: | 22            | Impact resistance:           | IK08                                     |
| Supply voltage [V]:               | 220 - 240     | Ingress protection:          | IP44/20                                  |
| Frequency [Hz]:                   | 50 - 60       | Mounting version:            | recessed                                 |
| Luminous flux [lm]:               | 2300          | Working temperature [°C]:    | od -20 do +35                            |
| Emergency luminous flux [lm]*:    | 180           | Emergency lighting [h]:      | 3  |
| Luminous efficacy [lm/W]:         | 105           | Number on the palette [pcs]: | 180                                      |
| Energy efficiency class:          | E             | Net weight [kg]:             | 0.800                                    |
| Electrical protection class:      | I             | Category type:               | dual-function luminaires                 |
| Colour temperature [K]:           | 3000          | Operating mode:              | network-emergency                        |
| Color rendering index (Ra) >:     | 80            | UGR (4H8H):                  | <28                                      |
| SDCM:                             | 3             | LED lifespan L70B50 [h]:     | 150000                                   |
| Power factor:                     | 0.99          | LED lifespan L80B10 [h]:     | 100000                                   |
| Charging time [h:min]:            | 24            | LED lifespan L90B10 [h]:     | 50000                                    |
| Battery life [h:min]:             | 3             | Light distribution type:     | lambertian                               |
| Beam angle [°]:                   | 110           | Photobiological safety:      | RG0 - exempt (no photobiological hazard) |
| Battery:                          | Ni-Mh         | Technical Warranty:          | 2 / 0.5 (battery)                        |
| Battery capacity [mAh]:           | 2100          | CE certificate:              | <a href="#">322/2023</a>                 |
| Diffuser material:                | PC            | CNBOP certificate:           | <a href="#">5152/2023</a>                |
| Diffuser type:                    | matt          | Manual:                      | <a href="#">Download PDF</a>             |
| Material of the body:             | ABS           | Plik LDT:                    | <a href="#">Download</a>                 |

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

| index  | Name  |
|--------|---|
| 897269 | Cover frame for RQ160 D205mm white RAL 9003 |



Cover frame for RQ160 D205mm white  
RAL 9003 (897269)

Card creation date: 26 May 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 322/2023